

AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE

Please replace the original Abstract with the following amended Abstract.

A1
A network system connects with a number of individual processes ~~P1 to P5~~ that can mutually send and receive a broadcast message specified with no destination and a message specified with a specific process ~~portion~~ and that can change their states to parent or child processes. ~~For example, When~~ a first process [[P1]] is a parent process and second through fourth processes ~~P2 to P4~~ are child processes. ~~When, the four~~ processes ~~P1 to P4~~ constitute a group, in which each of child processes ~~P2 to P4~~ stores the parent process P1. ~~Parent, and~~ the parent process [[P1]] stores each of child processes ~~P2 to P4~~ that store the parent process itself [[P1]]. When a new process [[P5]] that is in another group is connected to this group, the parent process [[P1]] exchanges a message with the new process [[P5]] for negotiation to determine ~~either whether~~ to be a parent process ~~[[and]]~~ or to change ~~the other~~ to a child process.